| Inde | x of | Claim | s |
|------|------|-------|---|
|      |      |       |   |

| Application No. | Applicant(s) |  |
|-----------------|--------------|--|
| 09/924,719      | AGIN ET AL.  |  |
| Examiner        | Art Unit     |  |
| Feben M Haile   | 2663         |  |

| <br>√ | Rejected |
|-------|----------|
| =     | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|       |   |  | L                                     |  |                                       |   | J            |          | L  |          |
|-------|---|--|---------------------------------------|--|---------------------------------------|---|--------------|----------|--|----------|
| Cla   | aim   |  |                                       |  |                                       | Date  |              |          |  |          |
| Final | Original  | 3/14/01                                  | 9/22/05                               | 10/12/06                                 | 3/27/07                               |   |              |          |  |          |
|       | 1   | 1  | 1                                     | 1  | 1                                     |   | ┢            | ┢        | <u> </u>   | Н        |
|       | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20 | ファ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | ファ | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | Г   |              | T        |  | П        |
|       | 3   | 1  | 1                                     | 1  | 1                                     |   |              |          |  |          |
|       | 4   | 1  | 1                                     | 1  | 1                                     |   |              |          |  | Ш        |
|       | 5   | 1  | 1                                     | 1  | 1                                     | <u></u>   | <u> </u>     | <u> </u> | _  | Ш        |
|       | 6   | 1  | 1                                     | 1  | 1                                     | <u> </u>  | _            | _        |  | Ш        |
|       | /   | \ \ \                                    | -/                                    | -V                                       | 1                                     | _   | _            | -        | ├  | Ш        |
|       | -   | 7  | J                                     | 7  | 7                                     | -   | ┝            | $\vdash$ | <u> </u>   | Н        |
|       | 10  | 1  | J                                     | Ì  | 1                                     | -   | ┢─           | $\vdash$ | $\vdash$   | Н        |
|       | 11  | V  | V                                     | Ì  | Ì                                     | -   | <del> </del> | $\vdash$ |  | Н        |
|       | 12  | 1  | 1                                     | 1  | 1                                     |   |              | $\vdash$ |  | Н        |
|       | 13  | 1  | 1                                     | 1  | 1                                     |   |              |          | <del>                                     </del> | П        |
|       | 14  | ٧  | 1                                     | 1  | 1                                     |   |              |          |  |          |
|       | 15  | 1  | 1                                     | 1  | 1                                     |   |              |          |  |          |
|       | 16  | 1  | 1                                     | 1  | 1                                     | $ldsymbol{ld}}}}}}$ | ldash        | _        | _  | Щ        |
|       | 17  | 1  | 1                                     | 1  | 1                                     | <u> </u>  | _            | _        |  | Щ        |
|       | 18  | 1  | 1                                     | ٧  | <b>∀</b>                              | _   | <u> </u>     | _        |  | Щ        |
|       | 19  | 1  | -                                     | <u> </u>                                 | <del></del>                           | ┡   | <u> </u>     | <u> </u> | _  | Н        |
|       | 20  | J  | <u>-</u><br>√                         | √  | √                                     | -   | <u> </u>     | <u> </u> | ├—   | Н        |
|       | 21  | J  | _ v                                   | _  | <u>'</u>                              | ⊢   | ├            | $\vdash$ | $\vdash$   | Н        |
|       | 23  | 1  | 1                                     |  | -                                     | $\vdash$  | $\vdash$     | $\vdash$ | $\vdash$   | Н        |
|       | 24  | Ť  | Ė                                     | 1  | 1                                     | _   |              | -        | -  | Н        |
|       | 25  |  |                                       | 1  | 1                                     | _   |              | _        |  | М        |
|       | 21<br>22<br>23<br>24<br>25<br>26<br>27<br>28<br>29<br>30  |  |                                       | 7777                                     | 1 1 1 1 1                             |   |              |          |  |          |
|       | 27  |  |                                       | 1  | 1                                     |   |              |          |  |          |
| •     | 28  |  |                                       |  | 1                                     |   |              |          | _  | Ш        |
|       | 29  |  | _                                     |  | 1                                     | <u> </u>  |              | <u> </u> | <u> </u>   | Ш        |
|       | 30  | _  |                                       |  | 1                                     |   |              |          | <u> </u>   | Н        |
|       | 31  | -  |                                       |  | -                                     |   |              |          | <u> </u>   | Н        |
|       | 32  | $\vdash$                                 | $\vdash$                              |  | -                                     | -   | <u> </u>     | -        | <u> </u>   | Н        |
|       | 34  | ├  | $\vdash$                              |  | _                                     |   | -            | $\vdash$ | -  | Н        |
|       | 35  | -  | Н                                     |  |                                       | _   |              | $\vdash$ | $\vdash$   | Н        |
|       | 32<br>33<br>34<br>35<br>36<br>37<br>38  |  | Г                                     |  |                                       |   | Т            |          |  | H        |
|       | 37  |  |                                       |  |                                       |   |              |          |  | П        |
|       | 38  |  |                                       |  |                                       |   |              |          |  |          |
|       | 39  |  |                                       |  |                                       | $oxedsymbol{oxedsymbol{oxed}}$  |              |          |  | Ш        |
|       | 40  |  |                                       |  | _                                     |   | _            | <u></u>  | <u> </u>   | Ш        |
|       | 41  | _  |                                       |  |                                       | _   | L_           | _        | <u> </u>   | Ш        |
|       | 42  | $\vdash$                                 | H                                     |  | -                                     | $\vdash$  | <u> </u>     | -        | <u> </u>   | $\vdash$ |
|       | 43  | -  | -                                     | -  | ├                                     | $\vdash$  | $\vdash$     | $\vdash$ | $\vdash$   | Н        |
|       | 45  | -  | -                                     | -  | <del> </del>                          | ├   |              | $\vdash$ | $\vdash$   | Н        |
| -     | 46  | ┝╌                                       | -                                     | $\vdash$                                 | <del> </del>                          | -   | $\vdash$     | -        | -  | Н        |
|       | 47  | $\vdash$                                 | H                                     |  |                                       | H   | -            | $\vdash$ | -  | Н        |
|       | 48  | Н  | Н                                     |  | Н                                     |   | Н            | $\vdash$ |  | Н        |
|       | 49  |  |                                       |  |                                       |   |              |          |  | Н        |
|       | 50  |  |                                       |  | Г                                     | $\vdash$  | Т            | Г        |  | П        |

| Cla      | im   | Date     |          |          |  |          |          |          |                                     |          |
|----------|--|----------|----------|----------|--|----------|----------|----------|-------------------------------------|----------|
| Final    | Original                                     |          |          |          |  |          |          |          |                                     |          |
|          | 51   |          |          |          |  |          |          |          |                                     |          |
|          | 51<br>52                                     |          |          |          |  |          |          |          |                                     | Г        |
|          | 53   |          |          |          |  |          |          |          |                                     | Т        |
|          | 53<br>54<br>55                               |          |          |          |  |          |          |          |                                     |          |
|          | 55   |          |          |          |  |          |          |          |                                     |          |
|          | 56<br>57                                     | <u>_</u> |          | L        |  |          |          |          |                                     |          |
|          | 57   | _        |          | 匚        |  | L_       |          |          |                                     |          |
|          | 58   | <u> </u> | <u> </u> | <u> </u> |  |          |          | <u> </u> |                                     | L        |
|          | 59   | <u> </u> | _        | <u> </u> |  | <u> </u> | _        | $\vdash$ |                                     | _        |
|          | 60   | <b> </b> | ┝        | ├—       |  | <u> </u> |          | ┝        | ┝                                   | <u> </u> |
|          | 61   | $\vdash$ | <u> </u> | $\vdash$ |  | _        |          | ├—       | -                                   |          |
|          | 62<br>63                                     | $\vdash$ | $\vdash$ | ⊢        | _  | ┝        |          | ├        | $\vdash$                            | H        |
| -        | 64   | $\vdash$ | $\vdash$ | ┢        |  | $\vdash$ |          | ⊢        | $\vdash$                            | H        |
| _        | 64<br>65                                     |          | -        | ├        |  | ├-       |          | -        | -                                   | -        |
|          | 66   |          |          | H        |  | $\vdash$ |          |          |                                     | H        |
|          | 67   |          |          |          |  | $\vdash$ |          | $\vdash$ |                                     | Н        |
|          | 68   | <u> </u> |          | <b>-</b> |  |          |          |          |                                     | _        |
|          | 69   |          |          | <b>—</b> |  |          |          |          | Г                                   |          |
|          | 70   |          |          |          |  |          |          |          |                                     |          |
|          | 71   |          |          |          |  |          |          |          |                                     |          |
|          | 72   |          |          |          |  |          |          |          |                                     |          |
|          | 73   |          | _        |          |  |          |          |          |                                     | L        |
|          | 74   |          | _        | L        |  |          | _        |          | _                                   | _        |
| <u> </u> | 75   |          | <u> </u> |          | <u> </u>   |          |          | <u> </u> | <u> </u>                            | L        |
|          | 70<br>71<br>72<br>73<br>74<br>75<br>76<br>77 | <u> </u> | ├        |          |  | _        | _        | _        |                                     | _        |
|          | 70   | Ŀ        | ⊢        |          | _  | <u> </u> |          |          | <u> </u>                            | L        |
|          | 78<br>79                                     |          | ⊢        |          | _  | -        |          |          |                                     | ┝        |
|          | 80   | -        | ┝        |          | -  | ļ        | -        |          |                                     | -        |
|          | 81   |          | $\vdash$ | $\vdash$ |  | _        | -        | ┢        | H                                   | H        |
| $\vdash$ | 82   |          | H        | _        |  | $\vdash$ | -        | ┝        | -                                   | -        |
|          | 83   |          |          |          |  | $\vdash$ |          | $\vdash$ |                                     | Н        |
|          | 83<br>84                                     |          |          |          |  |          |          |          |                                     |          |
|          | 85   |          |          |          |  |          |          |          |                                     |          |
|          | 86   |          |          |          |  |          |          |          |                                     |          |
|          | 87   |          |          |          |  |          |          |          |                                     |          |
|          | 88   | <u> </u> | _        | L        |  | L_       |          |          | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          |
|          | 89   | <u> </u> | _        | <u> </u> |  | <u> </u> |          | <u> </u> | _                                   | _        |
| <u> </u> | 90   | ┡        | <u> </u> | <u> </u> | _  | <u> </u> |          |          | _                                   |          |
|          | 91   | _        | <u> </u> | _        | _  | <u> </u> |          | _        | <u> </u>                            | <u> </u> |
|          | 92   | <u> </u> | _        | L        |  | ├_       |          | ļ        | _                                   | _        |
|          | 93   | ├        | ├        | ├—       |  | $\vdash$ | -        | $\vdash$ | $\vdash$                            | $\vdash$ |
| <u> </u> | 94<br>95                                     | ├─       | ├        | ├─       | <u> </u>   | $\vdash$ | <u> </u> | _        | <u> </u>                            | $\vdash$ |
| <u> </u> | 96   | $\vdash$ | ├        | ├─       | <u> </u>   | $\vdash$ | _        | $\vdash$ | $\vdash$                            | $\vdash$ |
| <b>-</b> | 97   | $\vdash$ | $\vdash$ | H        | -  | $\vdash$ |          | $\vdash$ | $\vdash$                            | -        |
| <u> </u> | 98   | H        | $\vdash$ | $\vdash$ | <u> </u>   | $\vdash$ | $\vdash$ | ┝        |                                     | -        |
|          | 99   | T        | $\vdash$ | $\vdash$ |  | $\vdash$ |          | $\vdash$ |                                     | -        |
|          | 100  | Т        |          |          | <del>                                     </del> | 1        | <u> </u> |          |                                     | $\vdash$ |
| ъ        |  |          |          |          |  |          |          | Щ.       |                                     | Ц        |

| CI    | aim        | Date     |            |          |          |  |  |              |          |                 |
|-------|------------|----------|------------|----------|----------|--|--|--------------|----------|-----------------|
| Cit   |            |          |            | _        |          | Jak  | 5<br>  |              | _        | $\vdash$        |
| Final | Original   |          |            |          |          |  |  |              |          |                 |
|       | 101        |          |            |          | ٠        |  |  |              |          |                 |
|       | 102        |          |            |          | _        | _  |  |              |          |                 |
|       | 103        |          | _          | $\vdash$ | <u> </u> | <u> </u>   | _  |              |          | _               |
|       | 104        |          |            | _        |          | _  | _  |              |          |                 |
|       | 105<br>106 |          |            | $\vdash$ | _        | -  |  | -            |          |                 |
|       | 107        |          | _          | -        | _        | -  | $\vdash$   |              | _        | -               |
|       | 108        | _        | _          | _        |          | $\vdash$   |  |              |          |                 |
|       | 109        |          |            |          |          |  |  |              |          |                 |
|       | 110        |          |            |          |          |  |  |              |          |                 |
|       | 111<br>112 |          |            |          |          |  |  |              |          |                 |
|       | 112        |          |            |          |          |  | L  |              |          |                 |
|       | 113        |          | <u>L</u> . |          | <u> </u> | <u> </u>   | <u> </u>   |              |          | Ш               |
|       | 114<br>115 | ļ        | ļ          |          |          | $\vdash$   | <u> </u>   | <u> </u>     | <u> </u> | $\sqcup$        |
|       | 115        | <u> </u> | -          |          | _        | <u> </u>   | <del> </del>                                     |              | -        | $\vdash \vdash$ |
|       | 116<br>117 | -        | -          | $\vdash$ | _        | -  | -  | _            | _        |                 |
|       | 118        |          |            | $\vdash$ |          | $\vdash$   |  |              | $\vdash$ | $\vdash$        |
|       | 119        |          |            |          |          |  | -  |              |          |                 |
|       | 120        |          |            |          |          |  |  |              |          |                 |
|       | 121        |          |            |          |          |  |  |              |          |                 |
|       | 122<br>123 |          |            |          |          |  |  |              |          |                 |
|       | 123        |          |            | <u> </u> |          |  | _  |              |          | Ц               |
|       | 124        |          |            | <u> </u> |          | ļ  | <u> </u>   |              | <u> </u> |                 |
|       | 125<br>126 |          | <u> </u>   | -        |          | -  |  |              | _        |                 |
|       | 127        |          | $\vdash$   | ┝╌       | _        | $\vdash$   | $\vdash$   | _            | $\vdash$ | Н               |
|       | 127<br>128 |          |            |          |          | -  | -  |              | -        | $\vdash$        |
|       | 129        |          | -          |          |          | H  |  |              |          |                 |
|       | 130        |          |            |          |          |  |  |              |          | П               |
|       | 130<br>131 |          |            |          |          |  |  |              |          |                 |
|       | 132        |          |            |          |          |  |  |              |          |                 |
|       | 133        |          |            |          |          |  |  |              | _        |                 |
|       | 134        | _        | _          | <u> </u> |          | <u> </u>   | <u> </u>   | <u> </u>     | <u> </u> | Н               |
|       | 135<br>136 | <u> </u> | -          |          | -        | -  | <del> </del>                                     | <u> </u>     | -        | $\vdash\vdash$  |
| -     | 137        |          | H          | -        | -        | $\vdash$   | <del> </del>                                     | -            | ┢        | $\vdash\vdash$  |
| -     | 138        | $\vdash$ | Н          | $\vdash$ | H        | -  | <del> </del>                                     |              | H        | Н               |
|       | 139        | Т        | _          |          | $\vdash$ |  | Г  | П            | _        | $\vdash$        |
|       | 140        |          |            |          |          |  |  |              |          |                 |
|       | 141        |          |            |          |          |  |  |              |          |                 |
|       | 142        | L        |            |          |          |  |  | L            |          | Ш               |
|       | 143        | <u> </u> |            | <u> </u> |          | <u> </u> _                                       | <u> </u>   | L            | L        | Ш               |
|       | 144        | $\vdash$ | <u> </u>   | $\vdash$ | _        | _  | <del> </del>                                     | <u> </u>     | _        | $\vdash \vdash$ |
|       | 145<br>146 | H        | <u> </u>   | $\vdash$ |          | _  | -  | <del> </del> | -        | Н               |
|       | 147        | H        | <u> </u>   | $\vdash$ |          | -  | $\vdash$   | $\vdash$     |          | $\vdash$        |
|       | 148        | H        | Н          |          | _        | <del>                                     </del> | <del>                                     </del> | $\vdash$     | H        | H               |
|       | 149        | Н        | Г          |          |          | $\vdash$   | $\vdash$   | Т            | Т        | Н               |
|       | 150        |          |            |          |          |  |  |              |          |                 |
|       |            |          |            |          |          |  | _  |              |          |                 |